

**AMENDMENTS TO THE CLAIMS:**

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (canceled)
2. (currently amended) ~~The A method of controlling the a seed disease according to claim 1, wherein said comprising the steps of:~~  
~~sterilizing seeds by at least one of a physical technique and a chemical technique; and~~  
~~treating the thus sterilized seeds by an effective microorganism plurality of types of microorganisms which are antagonistic against a pathogen of a seed borne disease is a plurality of types of microorganisms.~~
3. (original) The method of controlling the seed disease according to claim 2, wherein at least one type of said effective microorganisms is a bacterium belonging to the genus *Pantoea* which is antagonistic against a pathogenic bacterium belonging to the genus *Xanthomonas*.

4. (original) The method of controlling the seed disease according to claim 2, wherein at least one type of said effective microorganisms is a bacterium belonging to the genus *Leclercia* which is antagonistic against a pathogenic bacterium belonging to the genus *Xanthomonas*.

5. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein at least one type of said effective microorganisms is a microorganism separated from seeds which have been obtained by seed production.

6. (currently amended) The method of controlling the seed disease, according to claim [[1]] 2, wherein the seeds to be treated are those which have been contaminated with the pathogen of the seed borne disease.

7. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein the thus treated seeds are those belonging to a family selected from the group consisting of the family *Brassicaceae*, the family *Umbelliferae*, the family *Solanaceae*, the family *Cucurbitaceae*, the family *Compositae*, the family *Liliaceae*, the family *Chenopodiaceae* and the family *Leguminosae*.

8. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein said physical technique is a dry-heating treatment or a warm-water treatment.

9. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein said chemical technique is a treatment selected from the group consisting of a soaking treatment, a powder-coating treatment, and a coating-treatment, and wherein all three treatments are performed using a synthetic agrochemical.

10. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein a treatment by said effective microorganism microorganisms is performed such that the seeds are soaked in an aqueous dispersion of the effective microorganism microorganisms.

11. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein a treatment by said effective microorganism microorganisms is performed such that the seeds are pelleted by a coating material containing the effective microorganism microorganisms.

12. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein a treatment by said effective microorganism microrganisms is performed such that the seeds are film-coated by a coating solution containing the effective microorganism microorganisms.

13. (currently amended) The method of controlling the seed disease according to claim [[1]] 2, wherein a treatment by said effective microorganism microorganisms is performed such that the seeds are allowed to absorb water by contacting a carrier impregnated with an aqueous dispersion of the effective microorganism microorganisms.

14. (currently mended) Seeds a disease of which has been controlled by treating the seeds by the method of claim [[1]] 2.

15. (new) The method of controlling the seed disease according to claim 2, wherein at least one of said effective microorganisms is from the group of filamentous fungi or bacteria.

16. (new) The method of controlling the seed disease according to claim 2, wherein at least one of said effective microorganisms belongs to the genus

selected from the group consisting of the genus Trichoderma, the genus Gliocladium, the genus Penicillium, the genus Bacillus, the genus Enterobacter, the genus Pantoea and the genus Leclercia.

17. (new) The method of controlling the seed disease according to claim 2, wherein said plurality of types of microorganisms are of different species from each other.

18. (new) The method of controlling the seed disease according to claim 2, wherein said plurality of types of microorganisms are of different genera from each other.

19. (new) The method of controlling the seed disease according to claim 2, wherein Pantoea sp. TK-185 (FERM BP-7618) is used as one of said effective microorganisms.

20. (new) The method of controlling the seed disease according to claim 2, wherein Leclercia adecarboxylata TK-151 (FERM BP-7617) is used as one of said effective microorganisms.

21. (new) The method of controlling the seed disease according to claim 2, wherein said seed disease is a seed borne disease selected from the group consisting of *Alternaria Brassicae*, *Alternaria brassicicola*, *Peronospora brassicae*, *Pseudomonas syringae* p.v. *maculicola*, *Xanthomonas campestris* p.v. *campestris* and *Phoma lingam* of the cabbage, *Alternaria japonica*, *Alternaria brassicae*, *Fusarium oxysporum* f.sp. *raphani*, *Xanthomonas campestris* p.v. *campestris* of the radish, *Alternaria brassicae*, *Xanthomonas campestris* p.v. *campestris*, *Verticillium dahliae* of the Chinese cabbage, *Alternaria dauci*, *Alternaria radicina*, *Xanthomonas campestris* p.v. *carotae* of the carrot, *Septoria apii*, *Sclerotinia sclerotiorum*, *Pseudomonas syringae* p.v. *apii* of the celery, *Alternaria porri*, *Botrytis allii*, *Botrytis byssoidea*, *Fusarium oxysporum* f. sp. *cepae* and *Peronospora destructor* of the onion, *Peronospora farinosa*, *Fusarium oxysporum* f. sp. *spinaciae*, *Colletotrichum dematium* of the spinach, *Alternaria solani*, *Clavibacter michiganensis* subsp. *michiganensis*, *Xanthomonas campestris* p.v. *vesicatoria* of the tomato, *Alternaria solani*, *Phomopsis vexans* of the egg plant, *Alternaria cucumerina*, *Pseudomonas syringae* p.v. *lachrymans*, *Xanthomonas campestris* p.v. *cucurbitae* of the cucumber, *Alternaria zinniae*, *Xanthomonas campestris* p.v. *zinniae* of the common zinnia, *Sclerotinia sclerotiorum*, *Alternaria helianti* of the sun flower, and *Xanthomonas campestris* p.v. *campestris* of the ornamental kale.